

SAFC-25555
Copy 2 of 6

21 March 1958

MEMORANDUM FOR: Project Director

25X1A

ATTENTION :

SUBJECT : Acceptance of E Rack Read Off Equipments

1. This Staff has examined the frequency Indicator (E Rack) readout equipment for System III and recommends acceptance of this equipment for project use.

2. The following caveats should be observed in connection with the E Rack:

a. System III must be properly adjusted in the field according to procedures worked out by [REDACTED] of R-W. In particular, it is essential that the recording tape not be saturated by the pulses of System III. 25X1A

b. The E Rack must be carefully adjusted for each individual tape channel. The analyst must be awake at all times to make adjustments as signal levels change or occasional false pulses are put out by III itself.

3. Attached is a memorandum regarding technical operation of the rack.

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Acting ELINT Staff Officer

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NEXT REVIEW DATE: 2012
AUTH: HR 702
DATE: 11/1/82 REVIEWER: 064540

SECRET

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ATTACHMENT

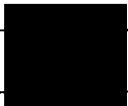
SUBJECT: Check Out of E Rack (Serial #3)

1. The rack was assembled at Barton Hall. Preliminary investigation showed the 5 MA in the -100 volt regulated supply was broken and that the +150 volt regulated supply was reading 75 volts low. The latter trouble was cured by replacing a defective 6Y6GT series regulator tube.

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3. Setting of the rack was quite critical, but instructions on the front panel proved helpful. False pulses from the tape occasionally flipped the audio gate flip-flop into the "off" position shutting off intercepts in the middle of a transmission. This necessitates constant attention by the analyst. The internal counter resets to 01 instead of 00 but the interval reading was correct on the frequencies monitored.

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